# C4 - COOK INLET SALMON FISHING COMMUNITIES (RIR SECTION 4.5.5)

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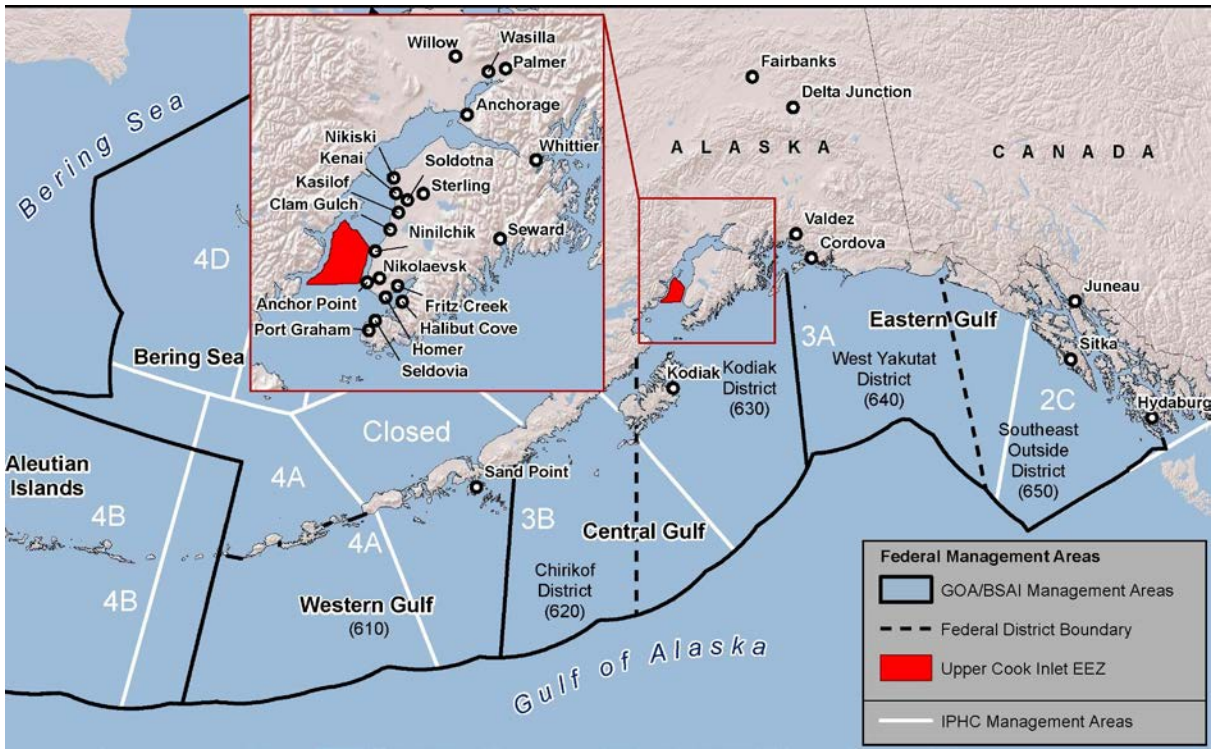
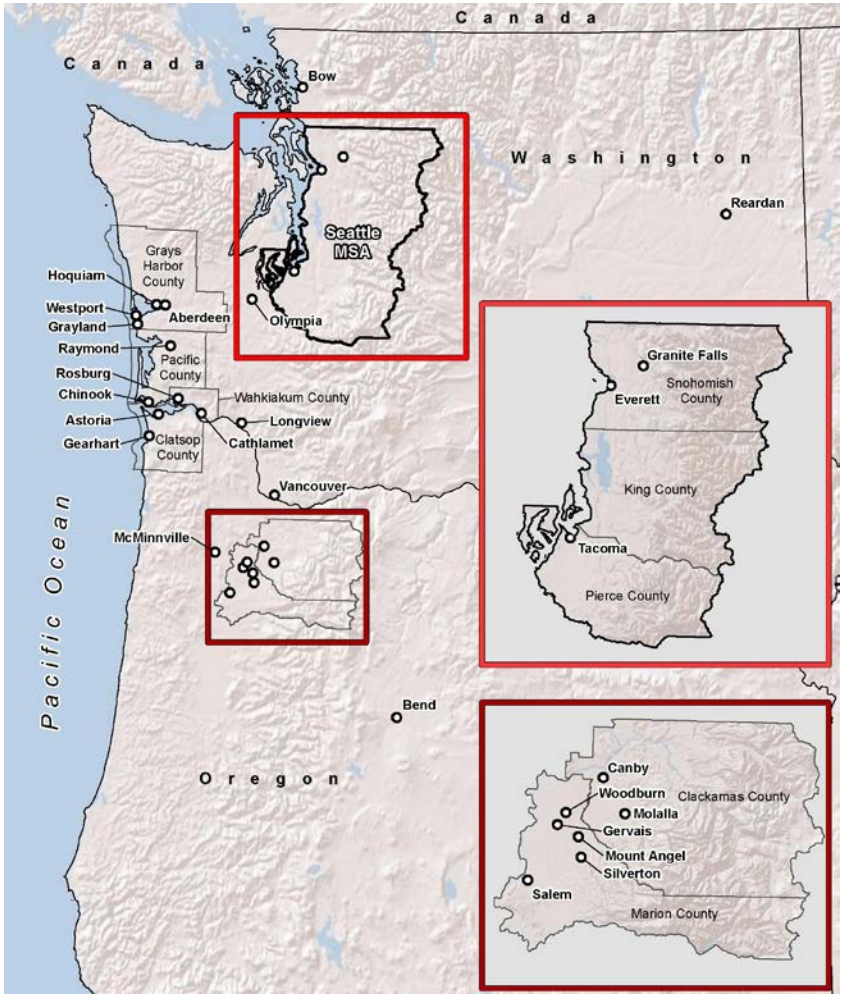
# BACKGROUND

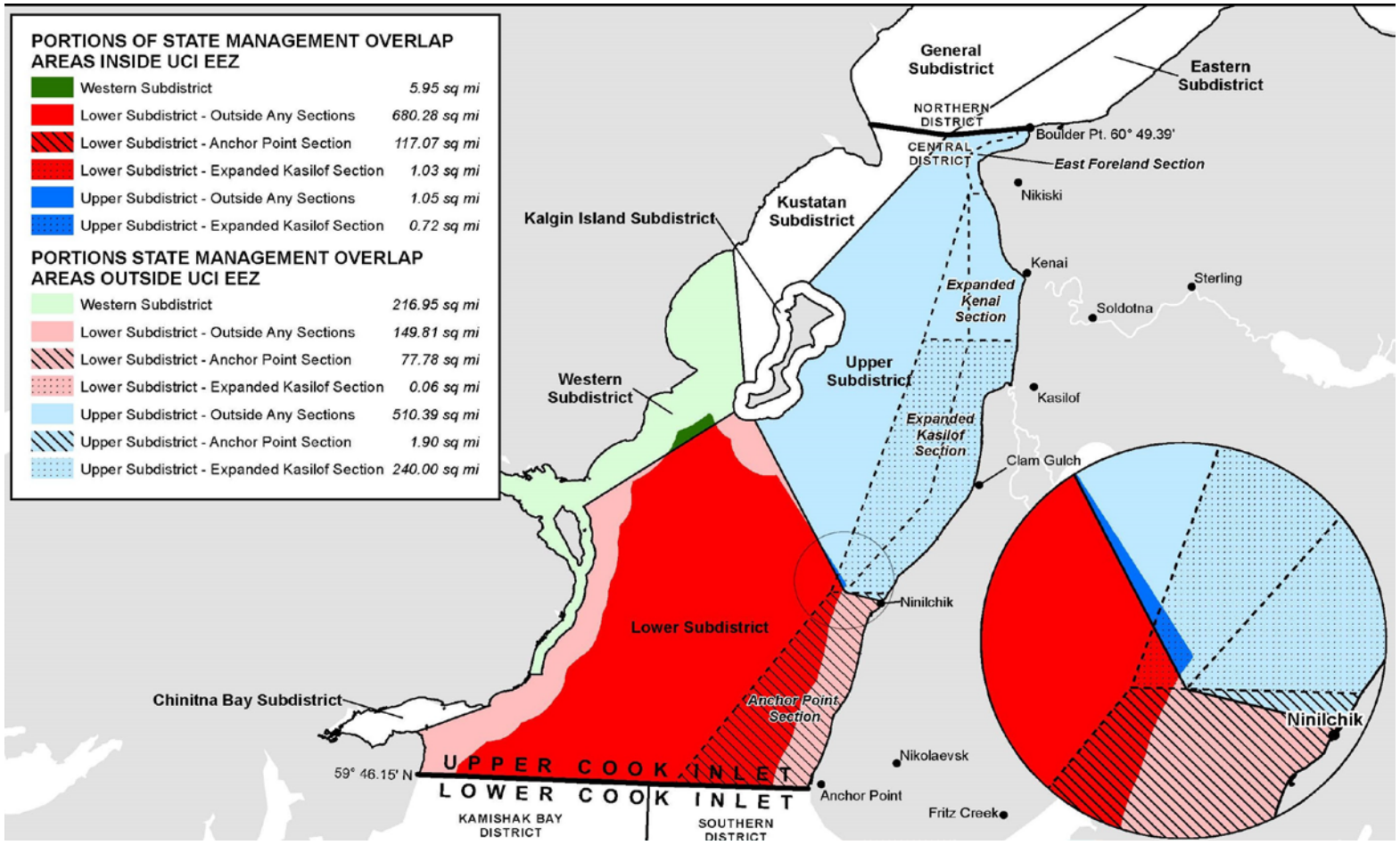
- **April 2019**: SSC review of discussion paper
  - SSC requested early review of subsequent economic and community analysis for consistency with NS-8.
- **Sept 2019**: CISC review of revised economic and community analysis
  - CISC recommended splitting rather than lumping communities; differentiating between point of delivery and processing locations; differentiating between vessel owners and permit holders.
- **Feb 2019**: CISC review of initial draft of RIR fishing communities section.
  - CISC recommended extending baseline data back into the 1970s.

# COMMUNITIES ENGAGED IN THE FISHERY 2009-2018 (FIGURES 4-32 AND 4-33, PAGES 180 AND 181)



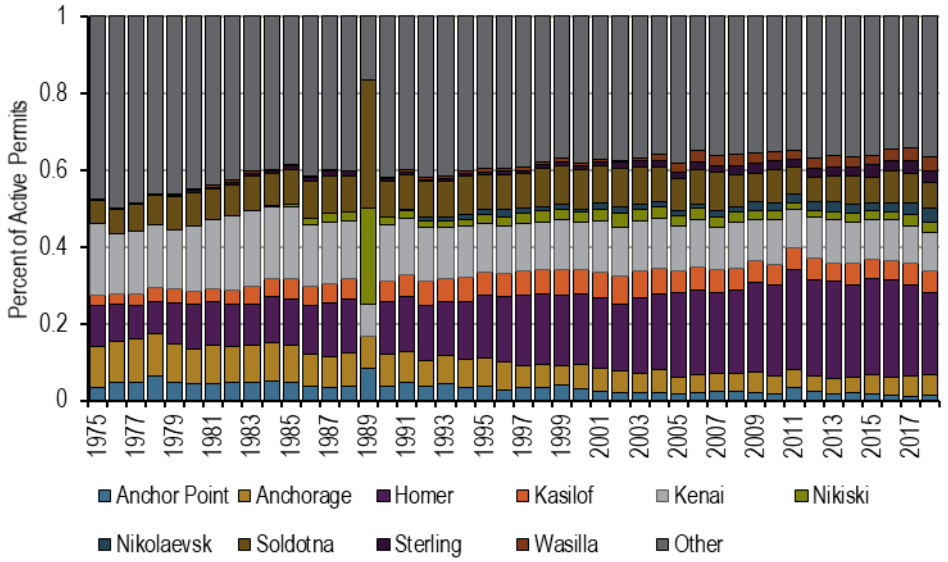



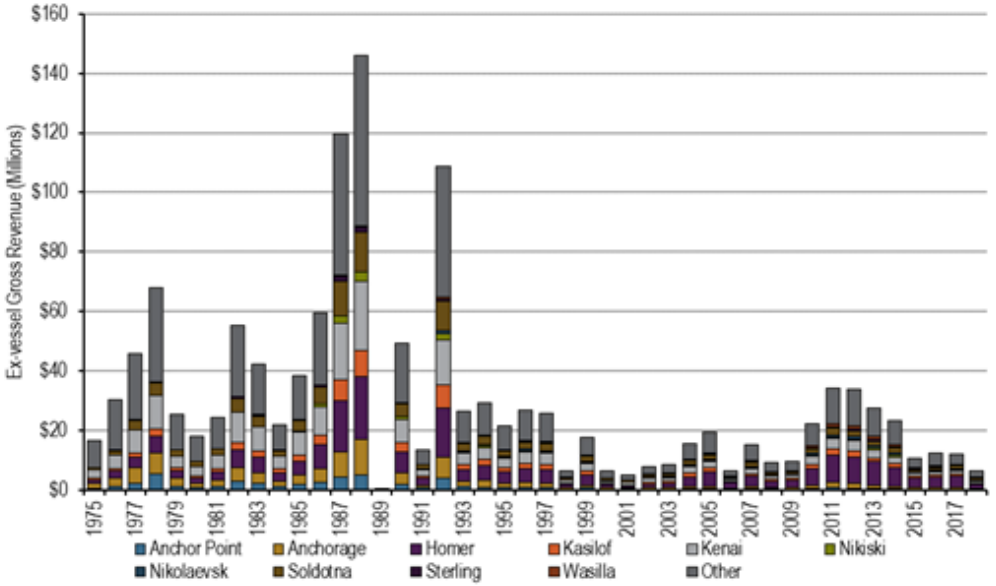
# COMMUNITIES ENGAGED IN THE UCI SALMON DRIFT GILLNET FISHERY CLOSEST TO UCI AREA OF THE EEZ (FIGURE 4-34, PG 183)




# OVERVIEW OF COMMUNITY FISHING ENGAGEMENT 1975-2018 (SECTION 4.5.5.1, PAGES 185 AND 186)

- Ex-vessel gross revenue by permit holder community; volume and value of landings
- Percentage of permits fished by community




# QUANTITATIVE INDICATORS OF COMMUNITY FISHERY ENGAGEMENT AND DEPENDENCY, 2009-2018 (SECTION 4.5.5.2)

- UCI salmon drift gillnet harvesting vessels (historic ownership address, Section 4.5.5.2.1)
  - Count, annual average, percentage of total, unique vessels (Page 189)
  - Ex-vessel gross revenues
  - Ex-vessel gross revenue diversification (UCI salmon drift gillnet harvesting vessels only)
  - Ex-vessel gross revenue diversification (all commercial fisheries harvesting vessels)
- Shorebased processors accepting deliveries of UCI drift gillnet-caught salmon (operating location, Section 4.5.5.2.2)
  - Count, annual average, percentage of total, unique processors (Page 195)
  - Ex-vessel gross payments
  - Ex-vessel gross payment diversification (UCI drift gillnet salmon processors only)
  - Ex-vessel gross payment diversification (all shorebased processors)

# QUANTITATIVE INDICATORS OF COMMUNITY FISHERY ENGAGEMENT AND DEPENDENCY, 2009-2018 (CONTINUED)

- S03H Permit Holders (historic permit ownership address, Section 4.5.5.2.3)
  - Count (Page 197)
  - Ex-vessel gross revenue
    - From S03H permit only
    - From all permits in all fisheries held by S03SH permit holders
    - S03H revenue as a percentage of total permits held (fishery revenue diversification)

# COMMUNITY CONTEXT OF THE UCI SALMON DRIFT GILLNET FISHERY (SECTION 4.5.5.3)

- Focus on potentially communities substantially engaged in and/or substantially dependent on the UCI salmon drift gillnet fishery
  - Subset of Alaska communities
    - Demographic indicators: sociocultural and economic variability (Table 4-23, Page 200)
    - Institutional indicators: structural variability (Table 4-24, Page 201)
  - AFSC community fisheries engagement indices used to help inform community selections
    - Separate consideration of harvesting and processing engagement (Section 4.5.5.3.2, Page 201)
    - Principal component factor analysis approach (analysis in full in Section 7.3 [Appendix 1], Page 270)

# COMMUNITY CHARACTERIZATIONS (SECTION 4.5.5.3.3)

- Anchor Point
- Homer
- Kasilof
- Kenai
- Nikiski
- Nikolaevsk
- Ninilchik
- Seward
- Soldotna
- Sterling

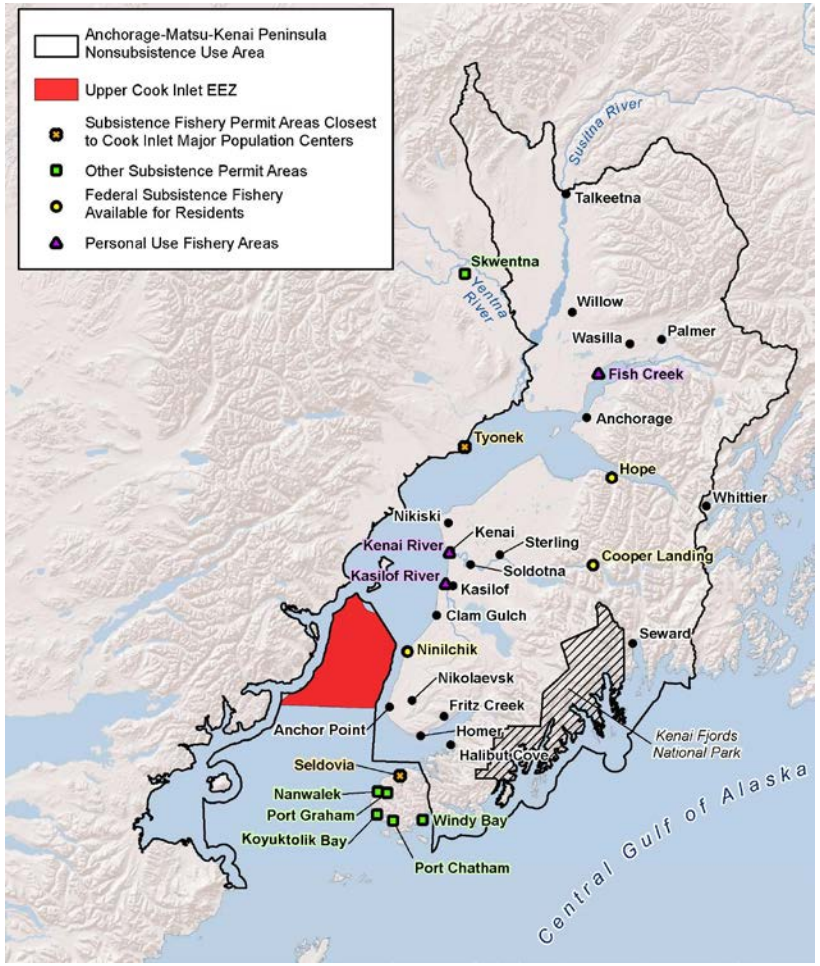
| Community | Harvesting Engagement | | | | Processing Engagement | | | |
|---|---|---|---|---|---|---|---|---|
| | Low | Medium | Medium-High | High | Low | Medium | Medium-High | High |
| Anchor Point | 3 | 15 | 10 | 0 | 0 | 0 | 0 | 0 |
| Anchorage | 0 | 0 | 7 | 21 | 24 | 3 | 0 | 1 |
| California | 7 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| Delta Junction | 27 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fritz Creek | 27 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Homer | 0 | 0 | 0 | 28 | 7 | 1 | 10 | 10 |
| Kasilof | 0 | 0 | 4 | 24 | 5 | 9 | 9 | 5 |
| Kenai | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 28 |
| Kodiak | 23 | 5 | 0 | 0 | 27 | 1 | 0 | 0 |
| Nikiski | 1 | 27 | 0 | 0 | 24 | 1 | 1 | 2 |
| Nikolaevsk | 20 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ninilchik | 10 | 18 | 0 | 0 | 21 | 5 | 1 | 1 |
| Oregon | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| Other US | 0 | 0 | 9 | 19 | 0 | 0 | 0 | 0 |
| Other Washington | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| Seward | 27 | 1 | 0 | 0 | 25 | 1 | 2 | 0 |
| Soldotna | 0 | 0 | 0 | 28 | 27 | 0 | 1 | 0 |
| Sterling | 12 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wasilla | 13 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |

# FISHERY TAX RELATED REVENUE (SECTION 4.5.5.4)

- Revenue directly generated by the UCI salmon drift gillnet fishery (Section 4.5.5.4.1, page 208)
  - Fisheries Business Tax; Seafood Marketing Assessment; Salmon Enhancement Tax
  - Cook Inlet Aquaculture Association (not a tax)
- Fishery tax revenue received by communities engaged in the UCI salmon drift gillnet fishery (Section 4.5.5.4.2, page 208)
  - Shared Fishery Business Tax and Fishery Resource Landing Tax
  - Homer, Kenai, Seldovia, Seward, Soldotna, and the Kenai Peninsula Borough are the recipients.
  - Not differentiated by fishery (but can put in context of other sources of general fund revenue).

# COMMUNITY ENGAGEMENT IN SUBSISTENCE AND/OR PERSONAL USE SALMON FISHERIES IN OR NEAR THE UCI

- UCI EEZ adjacent to Anchorage-Matsu-Kenai Peninsula Nonsubsistence Use Area (Figure 4-41, page 214)
  - Some communities engaged in the UCI salmon drift gillnet fishery are outside the NSUA.
  - Federal subsistence fishery permits available to residents of some communities in the NSUA.
  - Personal use fisheries occur in the NSUA.
  - Section 4.6 covers "Other Potentially Affected Salmon Fisheries" (page 220)

# NEXT STEPS

- Refine/expand impact of alternatives analysis as alternatives are better developed.
  - Identify differential distribution of potential impact factors beyond gross distribution of vessels, processors, permits, support service sector businesses, and tax revenue distributions.
    - Impacts of measures changing target species harvest
    - Impacts of changing monitoring, recordkeeping, and reporting requirements
  - Groundtruth revised assumptions/analysis with stakeholder follow-up.

# NEXT STEPS (CONTINUED)

- Expand on addressing proposals from the public (EA section 1.4) if and as relevant based on revised/better developed alternatives.
  - Recommended actions for developing the FMP Amendment
    - Socioeconomic impacts analysis: "Address social impacts, community impacts, community sustainability."
  - Stakeholder perspectives
    - Socioeconomic issues:
      - "The closing of two canneries in Ninilchik resulted in many jobs lost."
      - "Provide a historical background of Nikolaevsk and other Russian Old Believer communities."

# QUESTIONS?

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